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506.44793X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: M. SAKI, et al.

Application No.: 10/525,324

Filed: February 22, 2005

For: AGENT FOR PREVENTION AND/OR TREATMENT OF  
ITCHING

Art Unit: TBD

Examiner: TBD

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 AND 1.98****Mail Stop: Amendment**

Commissioner For Patents

July 29, 2005

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to applicants' duty of disclosure, enclosed please find documents to be considered during examination of the above-identified application. Also enclosed is a Form PTO/SB/08A&B, listing the enclosed documents.

Of the enclosed documents, No. WO 02/24222, No. EP 549352 and pages 786-793 of Merck Manual of Diagnosis and Therapy (17<sup>th</sup> Ed., 1999) were cited in the International Search Report for International (PCT) Application No. PCT/IB2003/003475, filed August 22, 2003 of which the above-identified application is a national stage application filed under 35 U.S.C. 371. The remaining documents listed on the enclosed Form are cited in applicants' specification, for example, on pages 2-5 thereof.

To the extent that the enclosed documents are not in English, it is respectfully submitted that requirements of 37 C.F.R. 1.98(a)(3) are satisfied by discussion of the documents in the specification of the above-identified application; and, moreover, with the exception of the article Miocene, et al., in European Journal of Medicinal Chemistry, are further satisfied by English abstracts/summaries.

In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 C.F.R. 1.97 & 1.98 have been satisfied, in connection with present submission of the enclosed documents. Accordingly, consideration of the enclosed documents, upon examination of the above-identified application, is respectfully requested.

Applicants request any shortage or excess in fees in connection with the filing of this paper, including extension of time fees, and for which no other form of payment is offered, be charged or credited to Deposit Account No. 01-2135 (Case: 506.44793X00).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP.

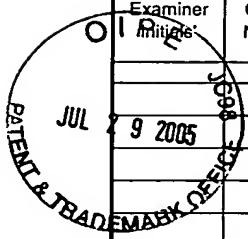
  
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July 29, 2005

<sup>1</sup> Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>		<b>Complete if Known</b>	
		Application Number	10/525,324
Filing Date	February 22, 2005		
First Named Inventor	M. SAKI		
Art Unit	TBD		
Examiner Name	TBD		
Sheet	1	of	2
		Attorney Docket Number	
		506.44793X00	



U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T- <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP A 9-124500	5/13/97	Kuraishi, et al.		
		WO 02/24222 A2	3/28/ 02	The Cleveland Clinic Foundation		
		EP 0 549 352 A2	6/30/93	Kyowa Hakko Kogyo Co., Ltd.		

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2

of

2

Complete if Known	
Application Number	10/525,324
Filing Date	February 22, 2005
First Named Inventor	M. SAKI
Group Art Unit	TBD
Examiner Name	TBD

Attorney Docket Number 506.44793X00

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Y. Murata, et al., Abnormal Expression of sphingomyelin Acylase in Atopic Dermatitis: An Etiologic Facto for Ceramide Deficiency?, Journal, June 1996, Pages 1242-1249, Vol. 106, No. 6, The Journal of Investigative Dermatology, United States	
		K. Zhu, et al., Sphingosylphosphorylcholine and Lysophosphatidylcholine are Ligands for the G Protein-Coupled Receptor GPR4, Journal, November 2001, Pages 41325-41335, Vol. 276, No. 44, The Journal of Biological Chemistry, United States	
		K. Higuchi, et al., Sphingosylphosphorylcholine is an Activator of Transglutaminase Activity in Human Keratinocytes, Journal, 2001, Pages 1562-1570, Vol. 42, Journal of Lipid Research, United States	
		A.K. Ryborg, et al., Intracutaneous Injection of Lysophosphatidylcholine Induces Skin Inflammation and Accumulation of Leukocytes, Report, 2000, Pages 242-246, Vol. 80, Acta Derm Venereol, Denmark	
		Bacterial Infections of the Skin, Book, Pages 787-793, Chap. 112, Sec. 10, National Library of Medicine, United States	
		J. Lehude, et al., Aminomethylation de L'homoacridane, de L'imino dibenzyle et de L'imino stibene, 1981, Pages 1851-191, No. 5-6, Bulletin de la Societe Chimique de France, France	
		M. Miocque, et al., Derives de L'imipramine: Aminomethylation de la Diphenylamine et de L'imino dibenzyle, Journal, May-June 1977, Pages 219-225, Volume 12, No. 3, European Journal of Medicinal Chemistry, France	
		G. Imokawa, et al., Sphingosylphosphorylcholine is a Potent Inducer of Intercellular Adhesion Molecule-1 Expression in Human Keratinocytes, Journal, January 1999, Pages 91-96, Vol. 112, No. 1, The Journal of Investigative Dermatology, United States	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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